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| APPROVED | O.G. FIG. NONE | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | WO 96/84092 510 | 320 |

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PCT/EP96/01755

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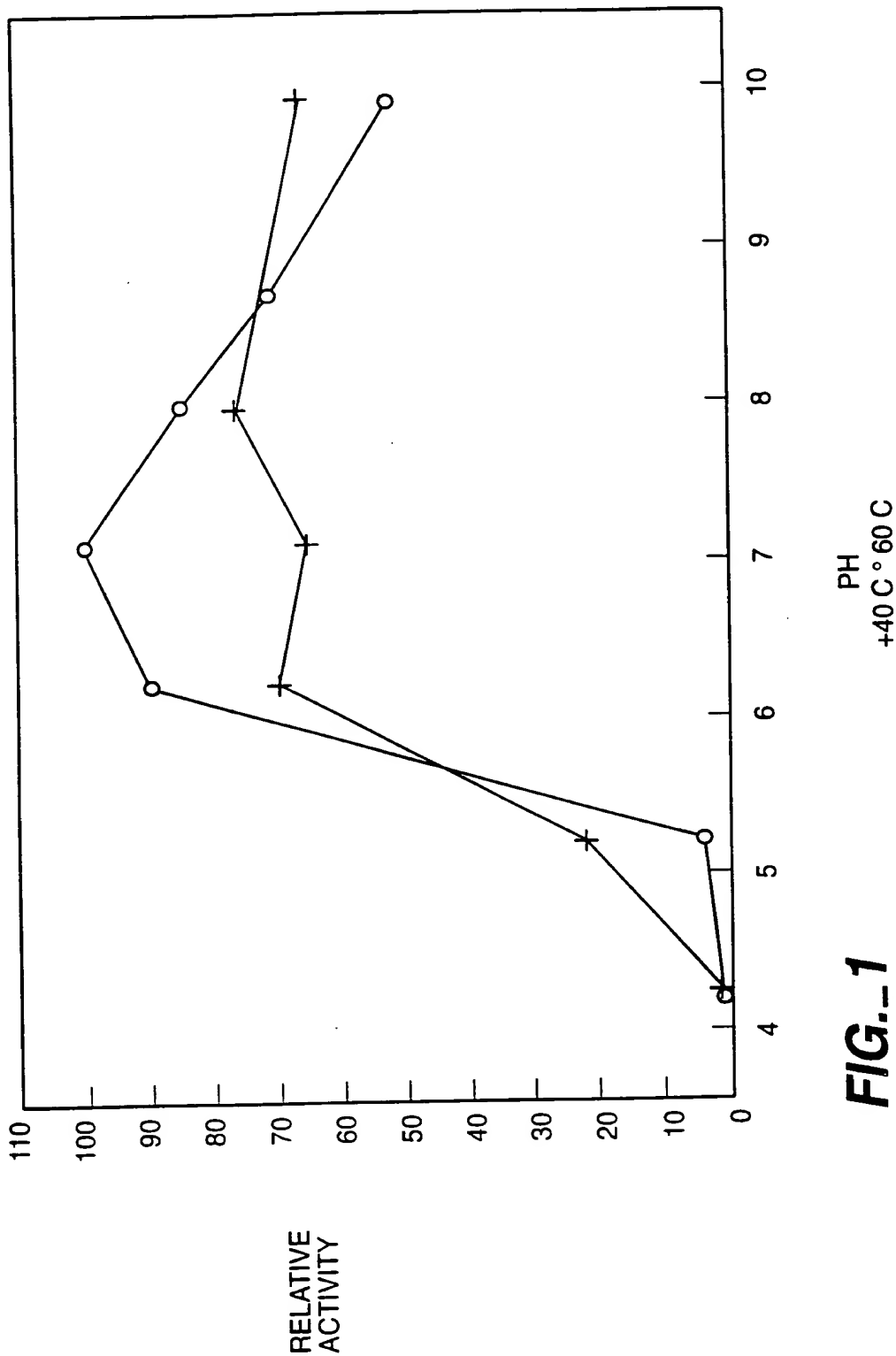


FIG.-1

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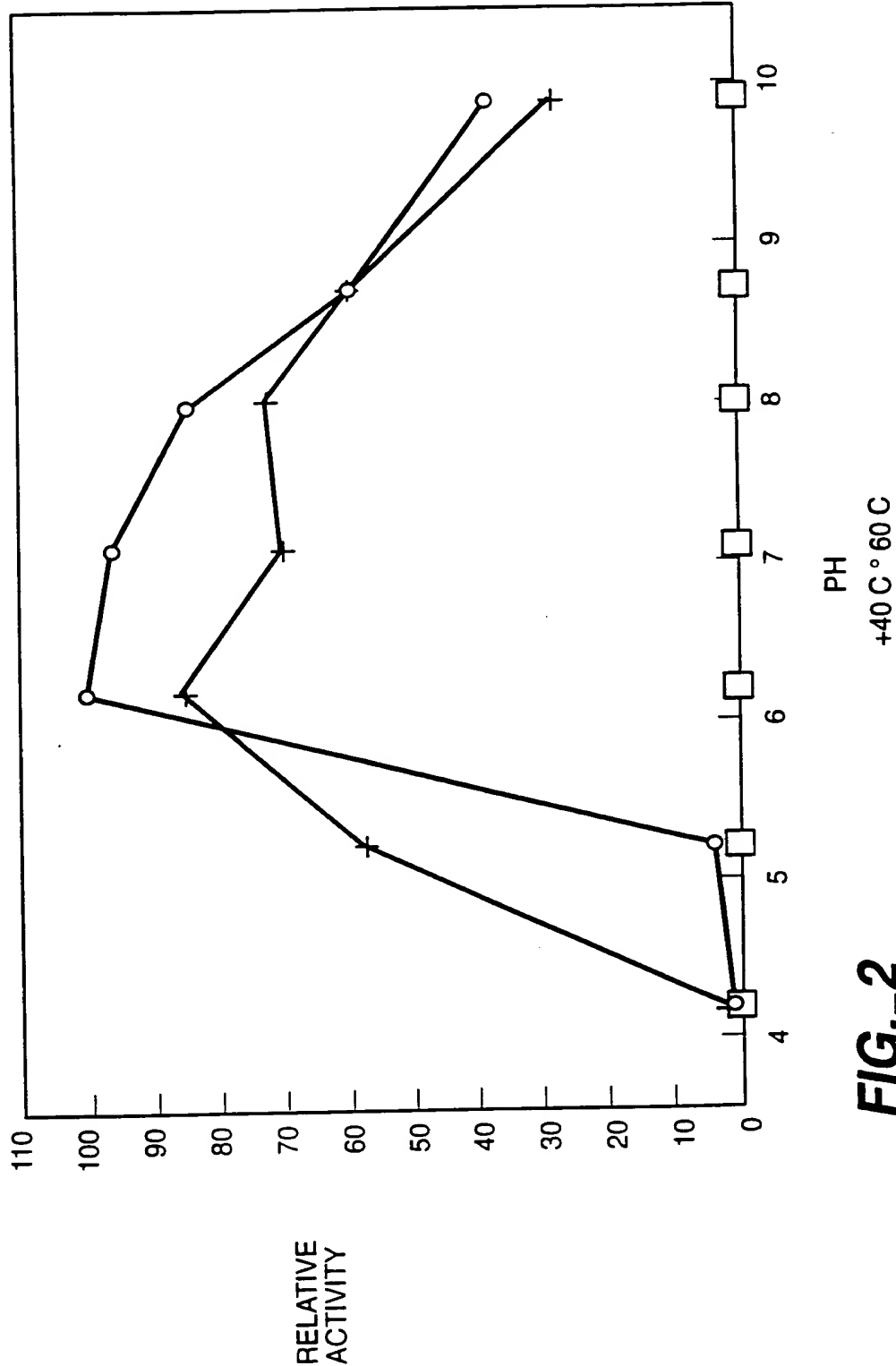


FIG.-2

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-121 GAATTC CGTTACATATTTTGC AAAAAGAGGGTGGTGGCGCTACATATACACCTTAAAAAG
-60 TGCAGACTAAAACGATTTTCGTTTCAGTATGAAAAGCTAAACCATTACCAAGGAGGAAATT
1 ATGAAAAAGATAACTACTATTTTGGCCGTATTGCTCATGACATTGGCGTTGTTTCAGTATA
MetLysLysIleThrThrIlePheAlaValLeuLeuMetThrLeuAlaLeuPheSerIle
61 GGAAACACGACAGCGGCTGATGATTATTCAGTTGTAGAGGAACATGGGCAACTAAGTATT
GlyAsnThrThrAlaAlaAspAspTyrSerValValGluGluHisGlyGlnLeuSerIle
121 AGTAACGGTGAATTAGTCAATGAACGAGGCGAACAAGTTCAGTTAAAAGGGATGAGTTCC
SerAsnGlyGluLeuValAsnGluArgGlyGluGlnValGlnLeuLysGlyMetSerSer
181 CATGGTTTGCAATGGTACGGTCAATTTGTAACTATGAAAGCATGAAATGGCTAAGAGAT
HisGlyLeuGlnTrpTyrGlyGlnPheValAsnTyrGluSerMetLysTrpLeuArgAsp
241 GATTGGGGAATAACTGTATTCCGAGCAGCAATGTATACCTCTTCAGGAGGATATATTGAC
AspTrpGlyIleThrValPheArgAlaAlaMetTyrThrSerSerGlyGlyTyrIleAsp
301 GATCCATCAGTAAAGGAAAAAGTAAAGAGACTGTTGAGGCTGCGATAGACCTTGGCATA
AspProSerValLysGluLysValLysGluThrValGluAlaAlaIleAspLeuGlyIle
361 TATGTGATCATTGATTGGCATATCCTTTCAGACAATGACCCGAATATATATAAAGAAGAA
TyrValIleIleAspTrpHisIleLeuSerAspAsnAspProAsnIleTyrLysGluGlu
421 GCGAAGGATTTCTTTGATGAAATGTCAGAGTTGTATGGAGACTATCCGAATGTGATATAC
AlaLysAspPhePheAspGluMetSerGluLeuTyrGlyAspTyrProAsnValIleTyr
481 GAAATTGCAAATGAACCGAATGGTAGTGATGTTACGTGGGACAATCAAATAAAACCGTAT
GluIleAlaAsnGluProAsnGlySerAspValThrTrpAspAsnGlnIleLysProTyr
541 GCAGAAGAAGTGATTCCGGTTATTTCGTGACAATGACCCTAATAACATTGTTATTGTAGGT
AlaGluGluValIleProValIleArgAspAsnAspProAsnAsnIleValIleValGly
601 ACAGGTACATGGAGTCAGGATGTCCATCATGCAGCCGATAATCAGCTTGCAGATCCTAAC
ThrGlyThrTrpSerGlnAspValHisHisAlaAlaAspAsnGlnLeuAlaAspProAsn
661 GTCATGTATGCATTTTCATTTTATGCAGGAACACATGGACAAAATTTACGAGACCAAGTA
ValMetTyrAlaPheHisPheTyrAlaGlyThrHisGlyGlnAsnLeuArgAspGlnVal
721 GATTATGCATTAGATCAAGGAGCAGCGATATTTGTTAGTGAATGGGGGACAAGTGCAGCT
AspTyrAlaLeuAspGlnGlyAlaAlaIlePheValSerGluTrpGlyThrSerAlaAla
781 ACAGGTGATGGTGGTGTGTTTTTAGATGAAGCACAAGTGTGGATTGACTTTATGGATGAA
ThrGlyAspGlyGlyValPheLeuAspGluAlaGlnValTrpIleAspPheMetAspGlu
841 AGAAATTTAAGCTGGGCCAACTGGTCTCTAACGCATAAGGATGAGTCATCTGCAGCGTTA
ArgAsnLeuSerTrpAlaAsnTrpSerLeuThrHisLysAspGluSerSerAlaAlaLeu
901 ATGCCAGGTGCAAATCCAACCTGGTGGTTGGACAGAGGCTGAACTATCTCCATCTGGTACA
MetProGlyAlaAsnProThrGlyGlyTrpThrGluAlaGluLeuSerProSerGlyThr

FIG. 3A

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961 TTTGTGAGGGAAAAATAAGAGAATCAGCATCTATTCCGCCAAGCGATCCAACACCGCCA
PheValArgGluLysIleArgGluSerAlaSerIleProProSerAspProThrProPro

1021 TCTGATCCAGGAGAACCGGATCCAGGAGAACCGGATCCAACGCCCAAGTGATCCAGGA
SerAspProGlyGluProAspProGlyGluProAspProThrProProSerAspProGly

1081 GAGTATCCAGCATGGGATTCAAATCAAATTTACACAAATGAAATTGTGTATCATAACGGT
GluTyrProAlaTrpAspSerAsnGlnIleTyrThrAsnGluIleValTyrHisAsnGly

1141 CAGTTATGGCAAGCGAAATGGTGGACACAAAATCAAGAGCCAGGTGACCCATACGGTCCG
GlnLeuTrpGlnAlaLysTrpTrpThrGlnAsnGlnGluProGlyAspProTyrGlyPro

1201 TGGGAACCACTCAAATCTGACCCAGATTCAGGAGAACCGGATCCAACGCCCAAGTGAT
TrpGluProLeuLysSerAspProAspSerGlyGluProAspProThrProProSerAsp

1261 CCAGGAGAGTATCCAGCATGGGATTCAAATCAAATTTACACAAATGAAATTGTGTACCAT
ProGlyGluTyrProAlaTrpAspSerAsnGlnIleTyrThrAsnGluIleValTyrHis

1321 AACGGCCAGCTATGGCAAGCAAAATGGTGGACACAAAATCAAGAGCCAGGTGACCCATAT
AsnGlyGlnLeuTrpGlnAlaLysTrpTrpThrGlnAsnGlnGluProGlyAsnProTyr

1381 GGTCCGTGGGAACCACTCAATTAACTATATAATTGATAAAAATTTACTAATGAGATAGT
GlyProTrpGluProLeuAsnEnd

1441 GAGAATCCCAAGAGTCTAAATTTGAAGATTGGCATTCTCATTTTACAATTAATTTAATCC

1501 ATTGAAAATATTTAAAAACGAATTTTATAATATCCAAGGTACCATACTTAATTGGCGGTA

1561 CTTTTTTCTGTCCTTATAGCTGCCCATCCCCCGAAAAAGCGGTCGAAAACCTGGTGCAAT

1621 TTTCAGCATTATCTTGTAATATCAAAACATAAGAAAAAGCCTTGAAACATTGATATGAC

1681 AACGTTTCTAAGGCTTTTCTGCATTTCTTATTTCAGTGTATGCCAATTAACGAGAGTACCA

1741 CTCAACGATAAGTTGTTTCGTTAATTTTCAGCTGGAAGCTCAGAACGCTCAGGTAAACGAGT

1801 GAACGTACCTTCAAGCTT

FIG._3B

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-630 GAATTCTTTGGATCATGATGGAAGGCGAAA

-600 TCATGAGCATTGCCCTTGCGACGATTACGGCTTCTGTCTGGCGTCTACTTGCTTGCGTCAG

-540 CGGTTCAAGGTTGGTTTGCAGGTAAAGCTGCATTAAGTGTGTTGCTTTACTTCTCATTTG

-480 TCGCTGCTGTTTGTCTTATTCAATTCAAATTGGGTGTATGACTTTGTCTGCCCTCGGNATCG

-420 CGGGTATCGCCATTATNCTTCAAAGAACAGTTATTAACAGACGCCATGGGTTCGAAGGCA

-360 AGTACAGTTTAAAACGAGAGATTAAAGAGGCCGCTCCCAATGAGGGAGTGGTCTTTTTTA

-300 CATTCNAAAAAGAGGAAAATAGGAGAAATGTAGATCCGACGTAGATAAGTATTAGGTTTT

-240 AAGTGTAAGTACAGCTAAGAAAGCTGCTTTTGCTGATTCTATGAAAAAGTGCTTGTTAAA

-180 CATTTTGACATGATTTTCTGTGAAATAAATGATCTATTTTCTGTGAAACAATTGTGATAG

-120 ATTGGTGTAGAGTTTTGATAATTCTAAATTTTCGTTCAAAGGAGGTTGAGGTTCAATTA

-60 CGATTTTGTCAACAGTCAATTGTTGTTTCCGGGTAACCATTTGGAGGTGGTGGAGTCTG

1 ATGAAGTGGATGAAATCCATGGTATGGTTGGCCGTTGTTTGGTTCGTTTCGTTTCGTAGCT
MetLysTrpMetLysSerMetValTrpLeuAlaValValLeuValValSerPheValAla

61 CCTGCCGTTAGTTCAGCTAATGAGGATGTAAAACTCTCGATATTCAGTCCTATGTAAGA
ProAlaValSerSerAlaAsnGluAspValLysThrLeuAspIleGlnSerTyrValArg

121 GACATGCAGCCGGGTTGGAATCTTGGGAATACGTTTGATGCCGTCGGACAAGATGAAACA
AspMetGlnProGlyTrpAsnLeuGlyAsnThrPheAspAlaValGlyGlnAspGluThr

181 GCATGGGGAAATCCACGTGTGACACGAGAATTAATTGAACGGATTGCGGATGAAGGGTAT
AlaTrpGlyAsnProArgValThrArgGluLeuIleGluArgIleAlaAspGluGlyTyr

241 AAAAGCATTCGGATTCCGGTGACGTGGGAAAATCGTATCGGAGGGGCACCTGATTATCCT
LysSerIleArgIleProValThrTrpGluAsnArgIleGlyGlyAlaProAspTyrPro

301 ATTGATCCCCAGTTTTTAAATCGAGTGGACGAAGTTGTTCAATGGGCGCTGGAAGAAGAT
IleAspProGlnPheLeuAsnArgValAspGluValValGlnTrpAlaLeuGluGluAsp

361 TTGTATGTCATGATTAATTTACACCATGATTCATGGTTATGGATTTATGAAATGGAGCAC
LeuTyrValMetIleAsnLeuHisHisAspSerTrpLeuTrpIleTyrGluMetGluHis

421 AACTACAACGGTGTGATGGCCAAAGTATCGCTCGCTCTGGGAGCAACTATCGAACCCTTC
AsnTyrAsnGlyValMetAlaLysTyrArgSerLeuTrpGluGlnLeuSerAsnHisPhe

481 AAAGACTATCCAACAAAGCTTATGTTTGAAAGTGTCAATGAGCCAAAGTTTAGTCAAAC
LysAspTyrProThrLysLeuMetPheGluSerValAsnGluProLysPheSerGlnAsn

541 TGGGGTGAGATCCGTGAGAATCACCATGCGTTACTAGACGACTTAAACACAGTGTTTTTTC
TrpGlyGluIleArgGluAsnHisHisAlaLeuLeuAspAspLeuAsnThrValPhePhe

601 GAGATTGTGAGACAGTCTGGTGGCCAAAATGATATCCGGCCGTTAGTGTTACCGACTATG
GluIleValArgGlnSerGlyGlyGlnAsnAspIleArgProLeuValLeuProThrMet

661 GAAACAGCCACATCACAACCGTTGCTGAACAACCTTTATCAAACAATTGACAAATTGGAT
GluThrAlaThrSerGlnProLeuLeuAsnAsnLeuTyrGlnThrIleAspLysLeuAsp

FIG. 4A

SUBSTITUTE SHEET (RULE 26)

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FIG._4B

SUBSTITUTE SHEET (RULE 26)

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|-----------|-------------|----------|
| APPROVED | O.G. FIG. 4 | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | WO 96/34092 | |

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1921 ATGAGTTGAACCATCTAGTAACCTCTCTTAAAATTGGTAAAGGAAATGTAACGTTGTGAT
 2041 AGTAAGGAAATGGTATGATGGAGAGAGACGTGTGATCGAGAAATGGAGGAACGCAGAATG
 2101 AATGAAACGATGCAACGCATCGCGAGAGTCATAGAGAATGTGGAACGAGTGGCCGCCGGG
 2161 AAACGTCAGGAAATCGAGCTGAGCCTTGTCGCATTATTGCTAGCGG

FIG. 4C